EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10/665462"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 13:05
L2	152	toeplitz adj matrix and (isi or (inter adj symbol adj interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:48
L3	90	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:08
L5	2	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and chip and temp adj matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 15:34
L6	2	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and chip and averag$3 with diagonal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:06
L7	1380	375/233	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:06
L8	8	3 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:06
L9	305200	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and chip ans ici	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:08

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L10	44	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and chip and ici	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:09
L11	18	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and chip and (dfe or (decision adj feedback adj equalizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:32
L12	2	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and chip and (dfe or (decision adj feedback adj equalizer)) and (averag$5 with diagonal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:10
L13	53	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and (ici or (inter adj carrier adj interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:34
L14	53	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and (ici or (inter adj carrier adj interference)) and symbol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:34
L15	13	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and (ici or (inter adj carrier adj interference)) and symbol with based	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:35
L16	7	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and (ici or (inter adj carrier adj interference)) and (dfe or (decision adj feedback adj equalizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:37
L17	0	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and (ici or (inter adj carrier adj interference)) and (dfe or (decision adj feedback adj equalizer)) and wc and wud	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:38

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L18	1	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and (ici or (inter adj carrier adj interference)) and (dfe or (decision adj feedback adj equalizer)) and wuc and wud	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:38
L19	1	(toeplitz adj matrix and (isi or (inter adj symbol adj interference))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:38
L20	4	toeplitz adj matrix with (isi or (inter adj symbol adj interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:46
L21	50	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and dfe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:48
L22	51	toeplitz adj matrix and (isi or (inter adj symbol adj interference)) and (dfe or (decision adj feedback adj equalizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:49
L23	4	(toeplitz adj matrix) same (isi or (inter adj symbol adj interference)) and (dfe or (decision adj feedback adj equalizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:50
L24	6	(toeplitz adj matrix) same (dfe or (decision adj feedback adj equalizer)) and (isi or (inter adj symbol adj interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 16:50
L25	6	(toeplitz adj matrix) same (dfe or (decision adj feedback adj equalizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 17:00

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L26	11	(toeplitz adj matrix) and (dfe or (decision adj feedback adj equalizer)) and ici	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 17:35
L27	1	7 and 26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 17:01
L28	13	(toeplitz adj matrix) and (isi with ici)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 17:38
L29	1	fff and fbf and wuc and wud	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 18:26
L30	13	dfe with isi with ici	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 18:28
L31	1	dfe with isi with ici and toeplitz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 18:28
L32	2	"6690715".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 18:35
L33	2	"7113553".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 18:51

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S1	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 08:40

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Inventor Name	City	State/Country
CHEN, TIEN-HUI	TAIPEI	TAIWAN
MA, CHINGWO	DANVILLE	CALIFORNIA
LIN, JEFF	TAIPEI	TAIWAN
KAO, KAI-PON	TAIPEI	TAIWAN

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Inventor Name Search Result

Your Search was:

Last Name = KAO
First Name = KAI-PON

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10665462	Not Issued	30	09/22/2003	Method for updating coefficients in decision feedback equalizer	KAO, KAI-PON
10952035	Not Issued	30	09/28/2004	Automatic gain control for a WLAN system	KAO, KAI-PON
11215216	Not Issued	30	08/30/2005	Method and circuit for fine timing synchronization in the orthogonal frequency division multiplexing baseband receiver for IEEE 802.11a/g wireless LAN standard	KAO, KAI-PON
11224757	Not Issued	30	09/13/2005	Circuit for improving channel impulse response estimation and compensating for remnant frequency offset in the orthogonal frequency division multiplexing baseband receiver for IEEE 802.11a/g wireless LAN standard standard	KAO, KAI-PON
11229934	Not Issued	30	09/19/2005	Method and system for assigning a receiving antenna	KAO, KAI-PON
11250669	Not Issued	30	10/14/2005	Method and circuit for frequency offset estimation in frequency domain in the orthogonal frequency division multiplexing baseband receiver for IEEE 802.11A/G wireless LAN standard	KAO, KAI-PON

Inventor Search Completed: No Records to Display.

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Inventor Name Search Result

Your Search was:

Last Name = MA
First Name = CHINGWO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
08612691	5748126	150	03/08/1996	SIGMA-DELTA DIGITAL-TO-ANALOG CONVERSION SYSTEM AND PROCESS THROUGH RECONSTRUCTION AND RESAMPLING	MA, CHINGWO
10402154	Not Issued	93	03/31/2003	APPARATUS AND METHOD OF ADAPTIVE FREQUENCY OFFSET ESTIMATIONS FOR A RECEIVER	MA, CHINGWO
10665462	Not Issued	30	09/22/2003	Method for updating coefficients in decision feedback equalizer	MA, CHINGWO
10710262	Not Issued	30	06/29/2004	Radio Receiver Supporting Multiple Modulation Formats with a Single Pair of ADCs	MA, CHINGWO
11250669	Not Issued	30	10/14/2005	Method and circuit for frequency offset estimation in frequency domain in the orthogonal frequency division multiplexing baseband receiver for IEEE 802.11A/G wireless LAN standard	MA, CHINGWO
60483115	Not Issued	159	06/30/2003	Radio receiver supporting multiple modulation formats with a single pair of ADCs	MA, CHINGWO

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Inventor Name Search Result

Your Search was:

Last Name = CHEN
First Name = TIEN-HUI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10665462	Not Issued	30	09/22/2003	Method for updating coefficients in decision feedback equalizer	CHEN, TIEN-HUI
11224757	Not Issued	30	09/13/2005	Circuit for improving channel impulse response estimation and compensating for remnant frequency offset in the orthogonal frequency division multiplexing baseband receiver for IEEE 802.11a/g wireless LAN standard standard	CHEN, TIEN-HUI
11235714	Not Issued	30	09/26/2005	Method and circuit for timing recovery	CHEN, TIEN-HUI
11463913	Not Issued	30	08/11/2006	METHOD FOR NETWORK DIAGNOSTIC	CHEN, TIEN-HUI

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Correspondence Address for 10/665462

Customer Number	Contact Information	Address
23995	Telephone: (202)371-8976 Fax: (202)408-0924 E-Mail: No E-Mail Address	RABIN & Berdo, PC 1101 14TH STREET, NW SUITE 500 WASHINGTON DC 20005

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[90] Y. Sun and L. Tong, "Channel Equalization Using One-Tap **DFE** for Wireless. OFDM Systems With **ICI** and **ISI**," in Proc. IEEE Sig. Proc. Workshop on Sig. ...
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The **average** number of taps and bits were calculated to be 14.98 and 10 ... for the intercarrier interference (**ICI**) and intersymbol interference (**ISI**) caused ...
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...transform precoding to cope with **ISI**. Among the ways to model block...details). Moreover, with adaptive **DFE** techniques, the **DFE** receiver...all-zeros) matrix, denotes an **diagonal** matrix with **diagonal** entries , denotes Kronecker...at the symbol rate or at the **chip** rate the distinction is made...indicates, the matrix models the **ISI** within the sym- bols of a block...codes. Our block trans- mission **DFE** framework is thus applicable...
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2. **Joint detection with low computational complexity for hybrid TD-CDMA systems**
   Benvenuto, N.; Sostrato, G.;
   Selected Areas in Communications, IEEE Journal on
   Volume 19, Issue 2, Feb 2001 Page(s):245 - 253
   Digital Object Identifier 10.1109/49.914502
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3. **Multiuser detector for hybrid CDMA systems based on the Bareiss algorithm**
   Bifano, A.; Rampa, V.;
   Acoustics, Speech, and Signal Processing, 2005. Proceedings. (ICASSP '05). IEEE International Conference on
   Volume 3, 18-23 March 2005 Page(s):iii/909 - iii/912 Vol. 3
   Digital Object Identifier 10.1109/ICASSP.2005.1415858
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4. **Toeplitz method for blind equalization in MIMO OFDM systems**
   Abrudan, T.; Hjorungnes, A.; Koivunen, V.;
   Communications, 2004 International Zurich Seminar on
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5. **A block-Toeplitz VCMA equalizer for MIMO-OFDM systems**
   Abrudan, T.; Sirbu, M.; Koivunen, V.;
   Signals, Systems and Computers, 2003. Conference Record of the Thirty-Seventh Asilo
   Conference on
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6. **Joint detection for UMTS: complexity and alternative solutions**
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7. **Structured spatio-temporal interference rejection with antenna arrays**
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1 Radio receiver supporting multiple modulation formats with a single pair of ADCs
Inventor: MA CHINGWO (US); CHUNG I-CHOU (TW); (+1)
Applicant: VIA TECH INC (TW)
EC: H04B1/40C4
IPC: ***H04B1/40***; **H04B1/40**; (IPC1-7): H04B1/06
Publication info: **TW240498B** - 2005-09-21

2 Radio Receiver Supporting Multiple Modulation Formats with a Single Pair of ADCs
Inventor: KAO PING-CHIEH (TW); CHUNG I-CHOU (TW); (+1)
Applicant:
EC: H04B1/40C4
IPC: ***H04B1/40***; **H04B1/40**; (IPC1-7): H04L27/06
Publication info: **US2004264600** - 2004-12-30

3 Method for updating coefficients in decision feedback equalizer
Inventor: CHEN TIEN-HUI (TW); MA CHINGWO (US); (+2)
Applicant:
EC: H04B1/707F2J; H04L25/03B1A7
IPC: ***H04L25/03***; **H04L25/03**; (IPC1-7): H03K5/159 (+1)
Publication info: **US2005063498** - 2005-03-24

4 Apparatus and method of adaptive frequency offset estimations for a receiver
Inventor: CHUNG I-CHOU (TW); MA CHINGWO (TW)
Applicant:
EC: H04L27/22
IPC: ***H04L27/22***; *H04L27/00*; **H04L27/22** (+2)
Publication info: **US2004190655** - 2004-09-30

5 D/A CONVERSION SYSTEM AND ITS METHOD
Inventor: MA CHINGWO; INGING YANG; (+1)
Applicant: THREE INC S
EC: H03M3/02; G06J1/00
IPC: ***H03M1/08; G06J1/00; H03H17/00*** (+16)
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   Wei Zhong; Zhigang Mao;
   Information, Communications and Signal Processing, 2005 Fifth International Conferenc
   06-09 Dec. 2005 Page(s):116 - 119
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   Yi Sun; Lang Tong;
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   Yi Sun; Lang Tong;
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6. **The novel decision feedback equalizer for OFDM system with insufficient cyclic pr**
Kunaruttanapruk, S.; Jitapunkul, S.;
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Ikonomou, D.; Vandendorpe, L.;
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8. **MMSE-DFE equalizer design for OFDM systems with insufficient cyclic prefix**
Parsace, G.R.; Yarali, A.; Ebrahimzad, H.;
Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th
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9. **Equalization scheme for OFDM systems in long delay spread channels**
Heejung Yu; Myung-Soon Kim; Taehyun Jeori; Sok-kyu Lee;
Personal, Indoor and Mobile Radio Communications, 2004. PIMRC 2004. 15th IEEE International Symposium on
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10. **A new detection algorithm for OFDM system without cyclic prefix**
Chunguang Wang; Zheng Zhou;
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Zhu, J.; Ser, W.; Nehorai, A.;
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